Date: Fri, 3 Dec 93 06:03:33 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1419
To: Info-Hams

Info-Hams Digest   Fri, 3 Dec 93   Volume 93 : Issue 1419

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 3 Dec 93 13:35:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Alinco DJF1T-HP dead
To: info-hams@ucsd.edu

> I purchased a new ALINCO DJF1T-HP, and ever since the day I bought it, I
> have been having problems with it. The first problem was with the
> keyboard lighting (only half of the keyboard would light). Then I have
> been having problems with the internal ribbon cables, which would
> intermittently cause loss of certain functions. And just recently,
> the radio started to smoke and has ceased to function at all (now
> at the shop for gut replacement) :(.
> Has anyone had any problems with their ALINCO DJF1T-HP?
>
> Thanks.

>

I have a DJF1T and it has performed perfectly!. I've had it for
just over a year.

Hope it gets fixed to your satifaction.

73

TJ kv2x
--

Thomas J. Jennings	Tel: (716) 273 7071
Development Engineer	Fax: (716) 273 7262
ABB Process Automation	
Post Office Box 22685	
Rochester, New York 14692-2685	

Internet: jennings@jennings.rochny.uspra.abb.com

Date: Wed, 1 Dec 1993 05:36:56 -0700
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!alberta!nebulus!ve6mgs!
usenet@decwrl.dec.com
Subject: ARLD065 DX news
To: info-hams@ucsd.edu

SB DX @ ARL $ARLD065
ARLD065 DX news

ZCZC AE91
QST de W1AW
DX Bulletin 65 ARLD065

Date: Sat, 27 Nov 1993 21:01:28 MST
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!alberta!nebulus!ve6mgs!
usenet@decwrl.dec.com
Subject: Daily Summary of Solar Geophysical Activity for 27 November
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

27 NOVEMBER, 1993

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 27 NOVEMBER, 1993

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 331, 11/27/93
10.7 FLUX=090    90-AVG=094        SSN=055      BKI=2100 0112  BAI=002
BGND-XRAY=A8.5     FLU1=4.2E+05  FLU10=1.3E+04  PKI=2100 1212  PAI=004
  BOU-DEV=017,008,003,003,004,007,007,016   DEV-AVG=008 NT     SWF=00:000
 XRAY-MAX= B3.2   @ 2049UT    XRAY-MIN= A7.8   @ 1813UT   XRAY-AVG= B1.1
NEUTN-MAX= +001%  @ 2305UT   NEUTN-MIN= -002%  @ 1025UT  NEUTN-AVG= -0.1%
  PCA-MAX= +0.3DB @ 1400UT     PCA-MIN= -0.5DB @ 1310UT    PCA-AVG= +0.1DB
BOUTF-MAX=55364NT @ 0316UT   BOUTF-MIN=55345NT @ 1931UT  BOUTF-AVG=55357NT
GOES7-MAX=P:+000NT@ 0000UT   GOES7-MIN=N:+000NT@ 0000UT  G7-AVG=+063,+000,+000
GOES6-MAX=P:+116NT@ 2002UT   GOES6-MIN=N:-058NT@ 1117UT  G6-AVG=+085,+017,-032
 FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=005,005,018/010,010,030
    KFCST=2223 3222 2223 3222  27DAY-AP=007,008   27DAY-KP=1132 2223 2222 3232
 WARNINGS=*SWF
   ALERTS=
!!END-DATA!!
```

NOTE: The Effective Sunspot Number for 26 NOV 93 was 44.0.
      The Full Kp Indices for 26 NOV 93 are: 2o 2- 1+ 2-   2o 3- 4o 2+

SYNOPSIS OF ACTIVITY

Solar activity was very low. Several B-class x-ray bursts occurred, none of which were optically correlated. All sunspot regions appeared to be stable.

Solar activity forecast: solar activity is expected to be very low to low. Region 7620 (N04W53) could produce an isolated C-class subflare.

The geomagnetic field has been at mostly quiet levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is

expected to be at quiet to unsettled levels during the first two days. Activity will increase to active to minor storm levels on the final day due to coronal hole effects.

Event probabilities 28 nov-30 nov

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 28 nov-30 nov

A. Middle Latitudes	
Active	10/10/20
Minor Storm	05/05/20
Major-Severe Storm	01/01/15

B. High Latitudes	
Active	10/10/20
Minor Storm	05/05/25
Major-Severe Storm	01/01/20

HF propagation conditions were normal over all regions. Similar conditions will persist through 29 November inclusive. Minor signal degradation is expected on 30 November for transpolar and transauroral paths as a recurrent coronal-hole-related disturbance begins to arrive. Stronger and more widespread ionospheric activity is expected to take effect on 01 and/or 02 December.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 27/2400Z NOVEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
7620	N03W53	268	0190	EAO	12	017	BETA
7622	N12W07	222	0010	BXO	03	005	BETA
7623	S12E54	161	0030	CSO	06	003	BETA
7621	S09W43	258					PLAGE

REGIONS DUE TO RETURN 28 NOVEMBER TO 30 NOVEMBER

NMBR	LAT	LO
NONE		

LISTING OF SOLAR ENERGETIC EVENTS FOR 27 NOVEMBER, 1993

```
-----------------------------------------------------
BEGIN  MAX  END  RGN   LOC   XRAY  OP 245MHZ 10CM   SWEEP
NONE


POSSIBLE CORONAL MASS EJECTION EVENTS FOR 27 NOVEMBER, 1993
-----------------------------------------------------------
 BEGIN        MAX      END     LOCATION   TYPE   SIZE  DUR  II IV
     NO EVENTS OBSERVED


INFERRED CORONAL HOLES. LOCATIONS VALID AT 27/2400Z
---------------------------------------------------
               ISOLATED HOLES AND POLAR EXTENSIONS
      EAST   SOUTH  WEST   NORTH  CAR  TYPE  POL  AREA   OBSN
51   N70E87 S10E47 N15E01 N70E87  190  EXT   POS   049 10830A
52   S05E02 S12W02 S12W15 S01W02  226  ISO   NEG   004 10830A


SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY
------------------------------------------------

 Date   Begin  Max   End  Xray  Op Region  Locn    2695 MHz  8800 MHz  15.4 GHz
------  ----  ----  ----  ----  -- ------ ------  --------- --------- ---------
26 Nov: 0049  0104  0125  B3.7
        0159  0203  0205  B3.8
        0720  0725  0729  B4.0  SF  7622  N12E17
        1117  1130  1142  B3.8
        1150  1211  1212  B4.3
        1320  1325  1328  B5.6
        1558  1605  1608  C2.1  SF  7623  S09E75
        1702  1712  1721  C1.2  SF  7620  N04W38
        1958  2003  2007  B4.2  SF  7620  N02W43


REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY
------------------------------------------------

               C   M   X     S   1   2   3   4   Total   (%)
              --  --  --    --  --  --  --  --    ---  ------
  Region 7620:  1   0   0     2   0   0   0   0    002  (22.2)
  Region 7622:  0   0   0     1   0   0   0   0    001  (11.1)
  Region 7623:  1   0   0     1   0   0   0   0    001  (11.1)
Uncorrellated: 0   0   0     0   0   0   0   0    005  (55.6)

 Total Events: 009 optical and x-ray.
```

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations

NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Mon, 29 Nov 1993 00:38:40 MST
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!alberta!ugc!nebulus!ve6mgs!usenet@decwrl.dec.com
Subject: Daily Summary of Solar Geophysical Activity for 28 November
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

28 NOVEMBER, 1993

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 28 NOVEMBER, 1993

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 332, 11/28/93
10.7 FLUX=093 90-AVG=094 SSN=075 BKI=0001 2111 BAI=002
BGND-XRAY=B1.4 FLU1=6.0E+05 FLU10=1.2E+04 PKI=1101 2211 PAI=004
BOU-DEV=004,004,004,009,012,008,006,006 DEV-AVG=006 NT SWF=00:000
XRAY-MAX= B7.4 @ 0103UT XRAY-MIN= B1.1 @ 0501UT XRAY-AVG= B1.9
NEUTN-MAX= +002% @ 1945UT NEUTN-MIN= -002% @ 0835UT NEUTN-AVG= +0.3%
PCA-MAX= +0.1DB @ 1125UT PCA-MIN= -0.5DB @ 1340UT PCA-AVG= +0.0DB
BOUTF-MAX=55363NT @ 0047UT BOUTF-MIN=55338NT @ 1911UT BOUTF-AVG=55354NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+073,+000,+000
GOES6-MAX=P:+117NT@ 1754UT GOES6-MIN=N:-058NT@ 1036UT G6-AVG=+095,+017,-031
FLUXFCST=STD:095,095,095;SESC:095,095,095 BAI/PAI-FCST=010,018,051/010,025,070
KFCST=1112 3334 3344 3334 27DAY-AP=008,004 27DAY-KP=2222 3232 2121 1211
WARNINGS=*SWF;*MAJSTRM;*AURMIDWRN
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 27 NOV 93 was 42.0.
The Full Kp Indices for 27 NOV 93 are: 2o 1+ 0+ 0o 1+ 2- 1+ 2o

SYNOPSIS OF ACTIVITY

Solar activity was very low. A single B-class subflare occurred. New Regions 7624 (N03E13) and 7625 (S14E14) were numbered. Region 7625 showed gradual growth during the day.

Solar activity forecast: solar activity is expected to be very low to low. Region 7625 could produce an isolated C-class subflare.

The geomagnetic field has been at mostly quiet levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be at mostly unsettled levels during the first day. Coronal hole effects are expected to increase activity to active levels during the second day, then major storm levels on the final day. Brief periods of severe storming could occur late in the period as well.

Event probabilities 29 nov-01 dec

Class M 10/10/10

Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 29 nov-01 dec

A. Middle Latitudes	
Active	35/35/20
Minor Storm	15/15/25
Major-Severe Storm	10/10/40
B. High Latitudes	
Active	35/35/20
Minor Storm	20/20/20
Major-Severe Storm	10/10/50

HF propagation conditions continued normal over all regions. Conditions will continue near-normal on 29 November and should remain near-normal for a fair portion of 30 November, although signal degradation over the high and polar latitude paths will begin to affect communications on these higher latitude paths. Very poor to occasionally useless propagation is expected on 01 and 02 December (with emphasis on 01 December) in response to the anticipated major geomagnetic storm. Middle latitudes are expected to see fair to occasionally very poor propagation with strongest signal degradation occuring during the local night and sunrise sectors. If recurrence is any indication, full recovery from this disturbance will not likely be observed for at least 2 to 4 days after the geomagnetic storming ends (on 02 or 03 December).

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 28/2400Z NOVEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
7620	N03W68	270	0210	CAO	09	008	BETA
7622	N13W20	222	0010	AXX	03	004	ALPHA
7623	S10E41	161	0020	CRO	01	002	BETA
7624	N03E13	189	0020	BXO	03	005	BETA
7625	S14E14	188	0020	CRO	03	006	BETA
7621	S09W56	258					PLAGE

REGIONS DUE TO RETURN 29 NOVEMBER TO 01 DECEMBER

NMBR	LAT	LO
NONE		

LISTING OF SOLAR ENERGETIC EVENTS FOR 28 NOVEMBER, 1993

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 28 NOVEMBER, 1993

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 28/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NO DATA AVAILABLE FOR ANALYSIS								

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
27 Nov:	0109	0117	0126	B2.5						
	0219	0223	0229	B2.2						
	0336	0339	0343	B1.7						
	0348	0412	0438	B3.0						
	0546	0552	0559	B2.1						
	1251	1254	1258	B1.5						
	2042	2049	2054	B3.2						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Uncorrellated:	0	0	0	0	0	0	0	0	007	(100.0)

Total Events: 007 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations

NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Mon, 29 Nov 1993 23:10:31 MST
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!alberta!nebulus!ve6mgs!usenet@decwrl.dec.com
Subject: Daily Summary of Solar Geophysical Activity for 29 November
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

29 NOVEMBER, 1993

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 29 NOVEMBER, 1993

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 333, 11/29/93
10.7 FLUX=093.8  90-AVG=094        SSN=092      BKI=4212 2221  BAI=008
BGND-XRAY=B1.9     FLU1=6.6E+05  FLU10=1.2E+04  PKI=4222 2222  PAI=008
  BOU-DEV=040,010,008,011,010,010,010,008   DEV-AVG=013 NT     SWF=00:000
 XRAY-MAX= C2.1   @ 2317UT    XRAY-MIN= B1.5   @ 0136UT   XRAY-AVG= B2.7
NEUTN-MAX= +003%  @ 0550UT   NEUTN-MIN= -001%  @ 2300UT  NEUTN-AVG= +0.4%
  PCA-MAX= +0.0DB @ 2355UT     PCA-MIN= -0.5DB @ 1410UT    PCA-AVG= -0.1DB
BOUTF-MAX=55360NT @ 0221UT   BOUTF-MIN=55335NT @ 1915UT  BOUTF-AVG=55351NT
GOES7-MAX=P:+000NT@ 0000UT   GOES7-MIN=N:+000NT@ 0000UT  G7-AVG=+063,+000,+000
GOES6-MAX=P:+123NT@ 1714UT   GOES6-MIN=N:-055NT@ 1028UT  G6-AVG=+086,+017,-029
 FLUXFCST=STD:095,095,095;SESC:095,095,095 BAI/PAI-FCST=018,051,025/025,070,030
    KFCST=3344 3334 5566 6655  27DAY-AP=004,008   27DAY-KP=2121 1211 1011 2234
 WARNINGS=*SWF;*MAJSTRM;*AURMIDWRN
   ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 28 NOV 93 was  42.3.
      The Full Kp Indices for 28 NOV 93 are: 1- 1o 0+ 1o   2o 2- 1o 1+


SYNOPSIS OF ACTIVITY
--------------------

          Solar activity was low. Three C-class x-ray bursts
       occurred and were probably produced by new Region 7627
       (S19E85). Active surge and prominence activity accompanied the
       region as it rotated into view midway through the period. New
       Region 7626 (N28E12) was also numbered.

       STD: Strong Ca XV emissions were observed today on the
       southeast limb centered at S19, spanning from S31 to S10.
       These emissions were also accompanied by strong Fe X and Fe XIV
       emissions.  Weak Ca XV emissions were observed yesterday.
       This area is also bright in x-rays, as seen by the Yohkoh
       satellite.  A full-disk Yohkoh image has been reduced and
       appended to this report.  The large northern polar coronal hole
       extension is also clearly visible, approaching the central
       meridian at 00:40 UTC on 29 November.

            Solar activity forecast:  solar activity is expected to be
       low. Region 7627 may continue to produce C-class activity.

            The geomagnetic field has been at quiet to unsettled levels
       for the past 24 hours. Isolated active periods also occurred.

            Geophysical activity forecast:  the geomagnetic field is
       expected to be at unsettled to active levels during the first
```

day increasing to major storm levels during the second day. Brief severe storm periods could also occur during the second day, particularly at high latitudes. Activity is expected to decline to active to minor storm levels during the final day. This activity is expected due to recurrent coronal hole effects.

Event probabilities 30 nov-02 dec

Class M	10/10/10
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 30 nov-02 dec

A. Middle Latitudes	
Active	35/20/35
Minor Storm	15/25/25
Major-Severe Storm	10/40/20
B. High Latitudes	
Active	35/20/30
Minor Storm	20/20/30
Major-Severe Storm	10/50/20

HF propagation conditions were normal over all regions. Tommorrow (30 November) should see the last period of stable ionospheric communications. Late on 30 November and/or particularly on 01 December, conditions are expected to become substantially disturbed. High and polar latitude paths are expected to become frequently useless, particularly during the local night and sunrise sectors due to potentially strong geomagnetic and auroral storm activity. These effects should also migrate to the middle-latitude regions, affecting many middle-latitude paths and limiting propagation to more north-south oriented paths. Conditions are not expected improve for several days after the storming subsides, but should have returned to near-normal by about 04 or 05 December.

NOTE that there is a chance for VHF auroral backscatter during the most disturbed periods (geomagnetic K-indices of 6 or more). Please report VHF and or other unusual or interesting HF/VHF contacts during this period to: COler@Solar.Stanford.Edu.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 29/2400Z NOVEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
7620	N04W85	273	0150	HSX	02	001	ALPHA
7623	S11E27	161	0020	HRX	01	001	ALPHA
7624	N03W00	188	0030	CRO	06	009	BETA
7625	S15E01	187	0050	DSO	06	016	BETA
7626	N28E12	176	0010	BXO	04	004	BETA
7627	S19E85	103	0050	HSX	01	001	ALPHA
7622	N14W34	222					PLAGE

REGIONS DUE TO RETURN 30 NOVEMBER TO 02 DECEMBER

NMBR	LAT	LO
NONE		

LISTING OF SOLAR ENERGETIC EVENTS FOR 29 NOVEMBER, 1993

A. ENERGETIC EVENTS:

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
2027	2028	2028					110		

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 29 NOVEMBER, 1993

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
29/ 2158		A2344	S29E90	EPL	C2.1	27		

INFERRED CORONAL HOLES. LOCATIONS VALID AT 29/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
51	N57E87	S11W06	N25W24	N60W01	180	EXT	POS	095	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
28 Nov:	0050	0102	0109	B7.4	SF	7623	S11E49			

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7623:	0	0	0	1	0	0	0	0	001	(100.0)
Uncorrellated:	0	0	0	0	0	0	0	0	000	(0.0)

Total Events: 001 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

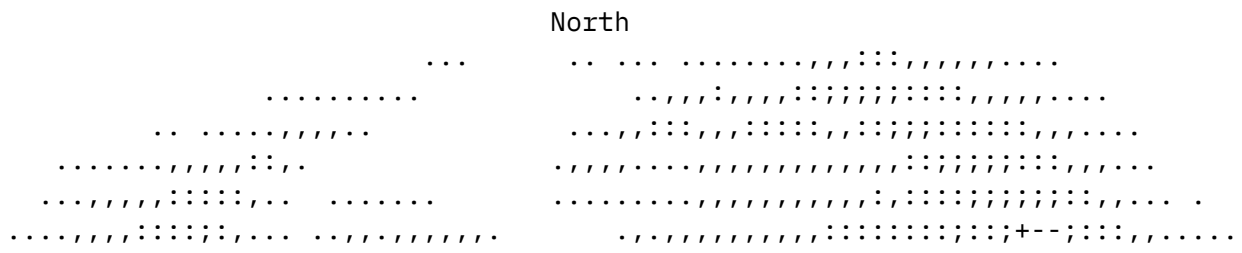
All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

SPECIAL INSERT: CURRENT X-RAY EMISSIONS FROM THE JAPANESE YOHKOH SPACECRAFT

29 November 1993, 00:40 UTC



South

KEY: East and west limbs are to the left and right respectively. Emission
strength, from minimum to maximum are coded in the following way:

[space] . , : ; - + | ! 1 2 3 4 * # @

Units used are arbitrary, for illustrative purposes. Get "showasc.zip"
from "pub/solar/Software" at the anonymous FTP site: xi.uleth.ca
(IP # 142.66.3.29) to view these images on VGA screens.

** End of Daily Report **

Date: Wed, 1 Dec 1993 22:56:53 EST
From: ucsnews!sol.ctr.columbia.edu!spool.mu.edu!uwm.edu!psuvax1!psuvm!
dcr117@network.ucsd.edu
Subject: Penn State ARC still exists!
To: info-hams@ucsd.edu

Hello netters,
      (Particularly Penn State Students, Faculty, Staff, and Alumni)

This is a brief note telling all of you that the Penn State ARC is still alive. As the Vice-President, I am interested in hearing from some of you who are or were in the Penn State system. If you are a current student, or faculty/staff member, you can be a part of the Penn State ARC (PSARC). Contact me at my E-Mail address for info. (dcr117@psuvm.psu.edu) or via packet radio (n2oqn@w3ya.pa.usa.noam)

If you are an one of PSU's vast alumni, let me know how you are doing/what you are up to. We would all be interested in hearing from you guys, and sharing interesting college stories/ham radio stories at our meetings.

To let you know where the club is/has been going I'll tell you a little bit about the station...
    We are running the following equipment:
       Kenwood TS940S HF Rig
       Kenwood TS820S HF Rig
       Dentron MLA-2500B Linear
       Heathkit SB-220 Linear
       Mosley TH7DX 7 Element Tribander
       Yaesu FT736R 2/440 Satellite Rig
       AEA PK-232MBX for RTTY, Packet, etc...
       (And other assorted stuff...)
   Projects in the works are, completion of a 2/440 Satellite antenna array,
    replacement of a terminal for packet/data operation, antenna and
    tower maintainence, and other stuff... (I have probably forgotten many
    things...)

So, let me know what you guys are doing... Again, reply to this message, or send packet mail to n2oqn@w3ya.pa.usa.noam.

Thanks and 73,
Dan Raneri (N2OQN)
Vice President,
Penn State Amateur Radio Club

Date: Wed, 1 Dec 1993 09:54:04 GMT
From: cs.utexas.edu!utnut!torn!nott!cunews!freenet.carleton.ca!
Freenet.carleton.ca!aj467@uunet.uu.net
Subject: Pyramid Schemes
To: info-hams@ucsd.edu

When you see this crap on the net, everyone of you should reply E-mail to

the originators account, with the entire message intact. Maybe his local
node will boot him off the air. Maybe they'll catch wind and turn him in.
What do you think.

--
Bill VE3NJW   Advanced Amateur
Packet Address : VE3NJW@VE3KYT.#EON.ON.CAN
Freenet Address: aj467@Freenet.Carleton.ca

Date: Wed, 1 Dec 1993 09:36:34 GMT
From: europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!utnut!torn!nott!
cunews!freenet.carleton.ca!Freenet.carleton.ca!aj467@uunet.uu.net
Subject: The Power of Photons
To: info-hams@ucsd.edu

In a previous article, dstock@hpqmoca.sqf.hp.com (David Stockton) says:

>   Did he then go on to explain how a photon torpedo worked ?
>
>   Cheers,
>   David GM4ZNX
>

No I did not explain photon torpedoes. However I made one tonight with an
HF amplifier accident. Fortunately for me I'm still here to read this
message. We still have headaches from the 40 amp 110 volt component that
flew out of the case in great fury, trying to catch the RF that was
generated for the split second of plasma flash. I'm not throwing that
switch tomorrow night ... someone else can do that.

Now as to the Photon energy thing, I have only one question.

What type of wine, a red or a white, is best served with crow.
Can you recommend a good Label or vintage.

--
Bill VE3NJW   Advanced Amateur
Packet Address : VE3NJW@VE3KYT.#EON.ON.CAN
Freenet Address: aj467@Freenet.Carleton.ca

Date: (null)
From: (null)
SB DX ARL ARLD065

ARLD065 DX news

Documentation has been received and approved for the following
operations:

3D2UF operations beginning 20 November 1992
4J1FM operations beginning 21 October 1992
4J1FW operations beginning 21 October 1992
5W1VL operations beginning 25 November 1992
6O/FE1LVR operations beginning 18 January 1993
A61AF operations beginning 3 August 1993
C56V operations beginning 30 October 1993
C56/KF7AY operations beginning 28 Otober 1993
C56/AA7NO operations beginning 28 October 1993
C56/N7BG operations beginning 28 October 1993
KH2/N6SVL operations beginning 5 November 1993
KH6/N6SVL operations beginning 3 November 1993
V51/DJ2ZS operations beginning 17 August 1993
V51/DJ0WQ operations beginning 17 August 1993
V51/DK2WH operations beginning 21 July 1993
V63UF operations beginning 10 November 1993
V73UF operations beginning 17 November 1993
YA1AR operations beginning 5 December 1992
ZK1AUF operations beginning 17 November 1992
ZL/N6SVL operations beginning 11 November 1992
ZS9/DJ2ZS operations beginning 6 August 1993
ZS9/DJ0WQ operations beginning 6 August 1993
ZS0PI operations beginning 28 July 1993
NNNN
/EX

Date: Wed, 1 Dec 1993 09:46:07 GMT
From: swrinde!cs.utexas.edu!utnut!torn!nott!cunews!freenet.carleton.ca!
Freenet.carleton.ca!aj467@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Nov30.153613.461@ke4zv.atl.ga.us>, <9311291536.AA28993@ocpfcad>,
<CH9Jnp.F9v@freenet.carleton.ca>a
Reply-To : aj467@Freenet.carleton.ca (Bill Macpherson)
Subject : Re: expensive?

In a previous article, gary@ke4zv.atl.ga.us (Gary Coffman) says:

>In article <CH9Jnp.F9v@freenet.carleton.ca> aj467@Freenet.carleton.ca (Bill
Macpherson) writes:

>>
>>I should have responded the first time ..... Bill
>>
>>>I was SHOCKED to see that the mainstay computer in packet
>>>was the commodore 64. I have one, collecting dusting my basement for
>>>years.
>>
>>I don't know why you're shocked to see the C=64 as a mainstay in Packet.
>>There is no need for wizz-bang horsepower, just to print little characters
>>to the screen.
>
>Indeed, an even cheaper approach is to use a dumb terminal or ASR33
>to work with the *Terminal* Node Controller since you don't have to
>tie up a TV set too, if all you need is to print little characters
>on a screen or paper. Of course if you want to take advantage of
>the more general features of packet, such as file and Email transfer,
>and if you want to take advantage of higher speeds, you'll dump the
>*Terminal* Node Controller and the clunky old display technology and
>adapt a DMA digital interface card in a more modern bus oriented
>computer running some competent networking software.
>
>>In fact it was innovation by some programmers in Germany
>>that brought us the Baycom TNC. If this isn't an application of high tech
>>(relatively speaking) what is. It may be old, and not the latest technology,
>>but that in itself doesn't make it useless. If you want all the latest "
>>Bells and Whistles " Ham Radio can be expensive. If you want what works, and
>>are willing to expend some effort and/or elbow grease, Ham Radio can be
>>quite reasonable, while still being innovative.
>
>Baycom is a neat hack, though I wouldn't call it high tech, and it doesn't
>require a C64, IBM compatables work too. But it is a low speed solution
>oriented to squelched FM radios, and one that excessively ties up your
>computing resources counting zero crossings. It's satisfactory for the
>trivial terminal to terminal chat function on an otherwise unused computer,
>but that's a small part of what packet is capable of doing.
>
>Gary
>--
>Gary Coffman KE4ZV | Where my job's going, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | I don't know. It might | uunet!rsiatl!ke4zv!gary
>534 Shannon Way | wind up in Mexico. | emory!kd4nc!ke4zv!gary
>Lawrenceville, GA 30244 | -NAFTA Blues |

You almost caught me again eh!
I wasn't trying to suggest that the C=64 is the final answer to Packet,
merely that you don't have to have the biggest, fastest, most expensive
toys on the block to participate in Ham Radio.

With respect to the Baycom, it was developed (hacked) on the C=64, and
cloned/ported/ whatever to the IBM environment.
I wasn't trying to present the whole story. I was just trying to present
the "Frugal Gourmet/Urban Peasant" approach to Ham Radio. See I do watch
things besides (yuck WWF) and I'm not married to my sister either.

Just plain dumb old Bill

--
Bill VE3NJW   Advanced Amateur
Packet Address : VE3NJW@VE3KYT.#EON.ON.CAN
Freenet Address: aj467@Freenet.Carleton.ca

Date: 1 Dec 1993 23:23:04 -0600
From: ucsnews!sol.ctr.columbia.edu!usc!cs.utexas.edu!geraldo.cc.utexas.edu!
thumper.cc.utexas.edu!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <2cges6$agf@eis.ctp.org>, <2d95ndINNbvk@abc.ksu.ksu.edu>,
<1993Nov30.145018.215@ke4zv.atl.ga.us>cc.utexa
Subject : Re: FT530 receiver problems??

Actually, there is a very simple solution to this problem which I just now
thought of. Why didn't I think of it before??

Is your AM detector on on your FT-530?
(Don't ask me about the display. I dunno.)
Tune to the offending signal (on frequency--not off) and press

F/M
0
F/m
(or VFO whatever it's label is)

See if that don't clear it up.

73,
--
Buddy Brannan, KB5ELV | God is love.
Riff-Raff #4 | Love is blind.
Internet: | Buddy is blind.
davros@ccwf.cc.utexas.edu | Buddy is god.

End of Info-Hams Digest V93 #1419

****
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